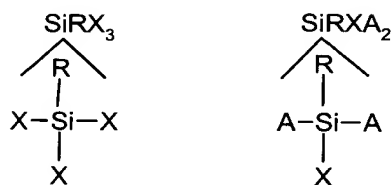


FIGURE 1: REPRESENTATIVE ORGANOSILANES



R = functional group of chemical interest
 A = non-reactive group
 X = hydrolyzable group

FIGURE 2: HYDROLYSIS OF AN ORGANOSILANE TO PRODUCE AN ORGANOSILANOL

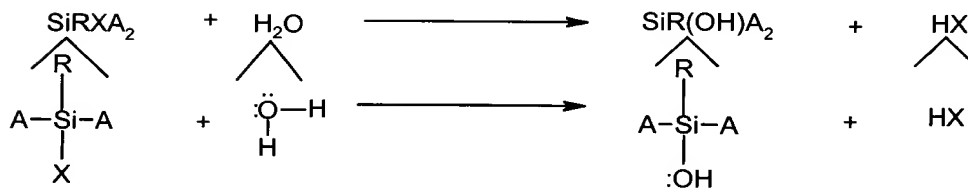


FIGURE 3: SILANOL CONDENSATION REACTION

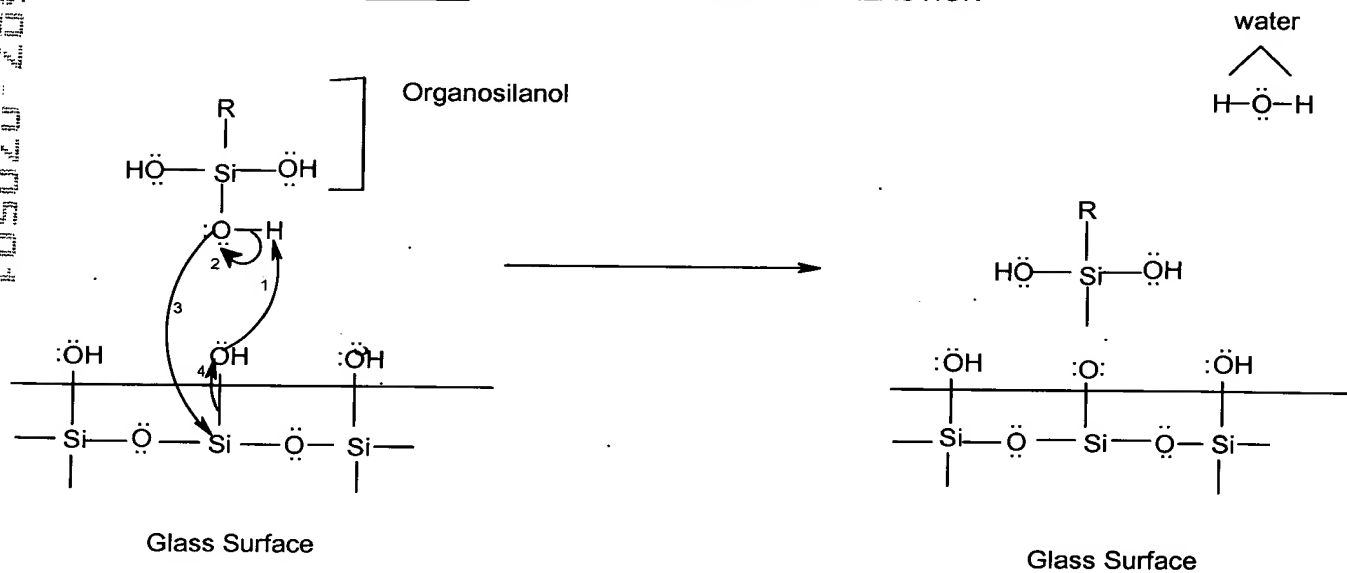
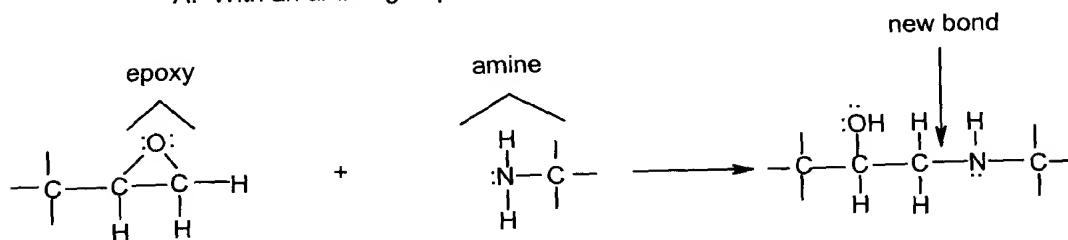
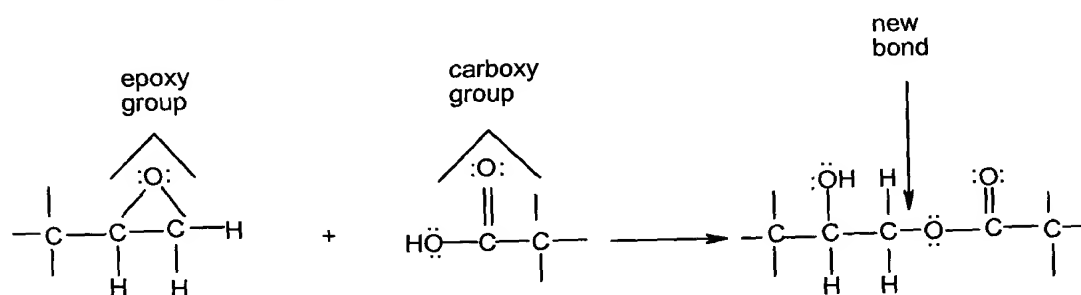


FIGURE 4: REACTIONS OF EPOXY GROUPS

A: With an amine group

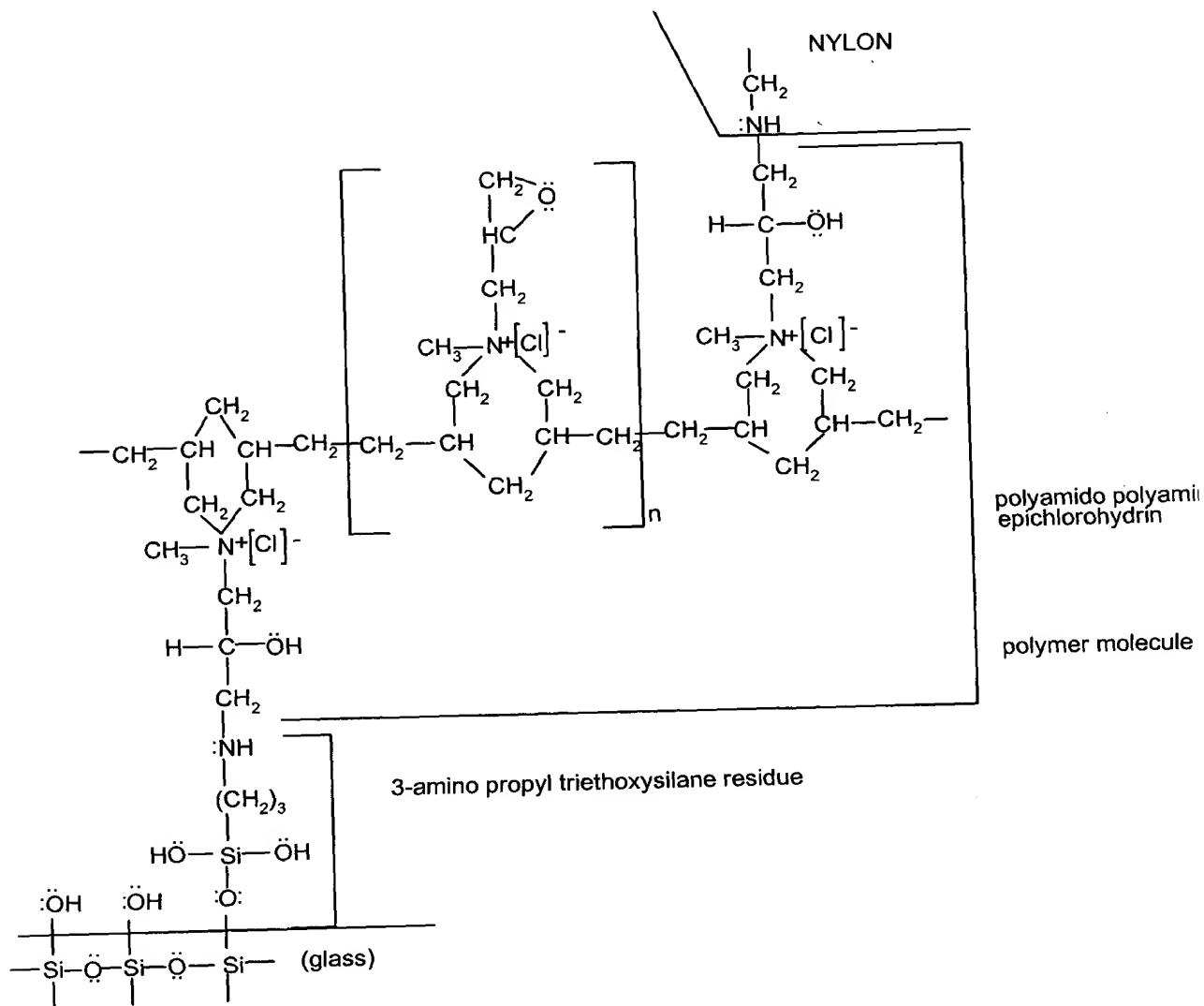


B: With a carboxyl group

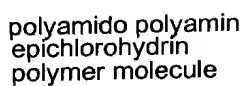


0999607 070504
T05040 20966860

FIGURE 5A: Bond using 3-Amino propyl triethoxysilane and polyamido polamine epichlorohydrin polymer.



/



Code

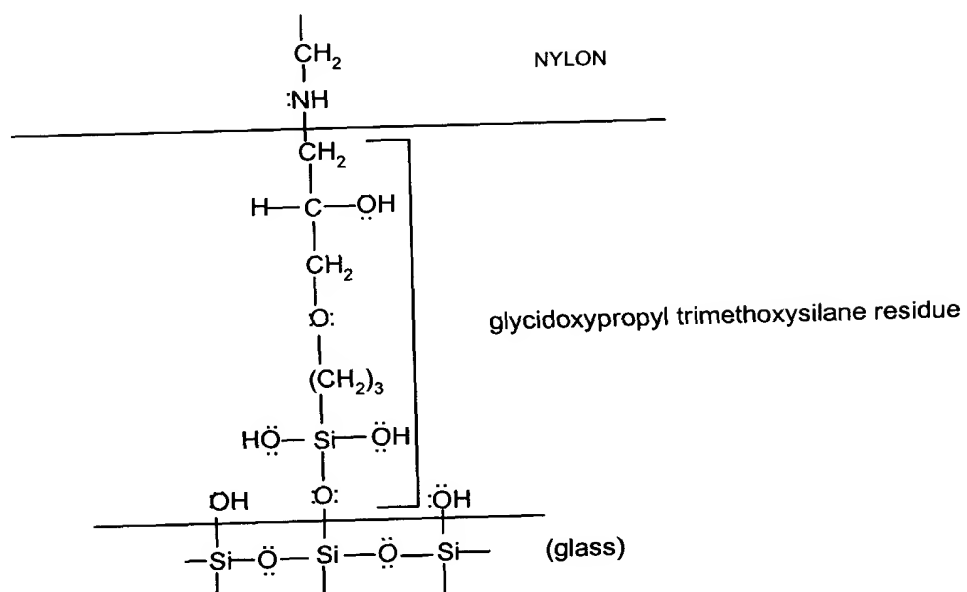


Figure 6.

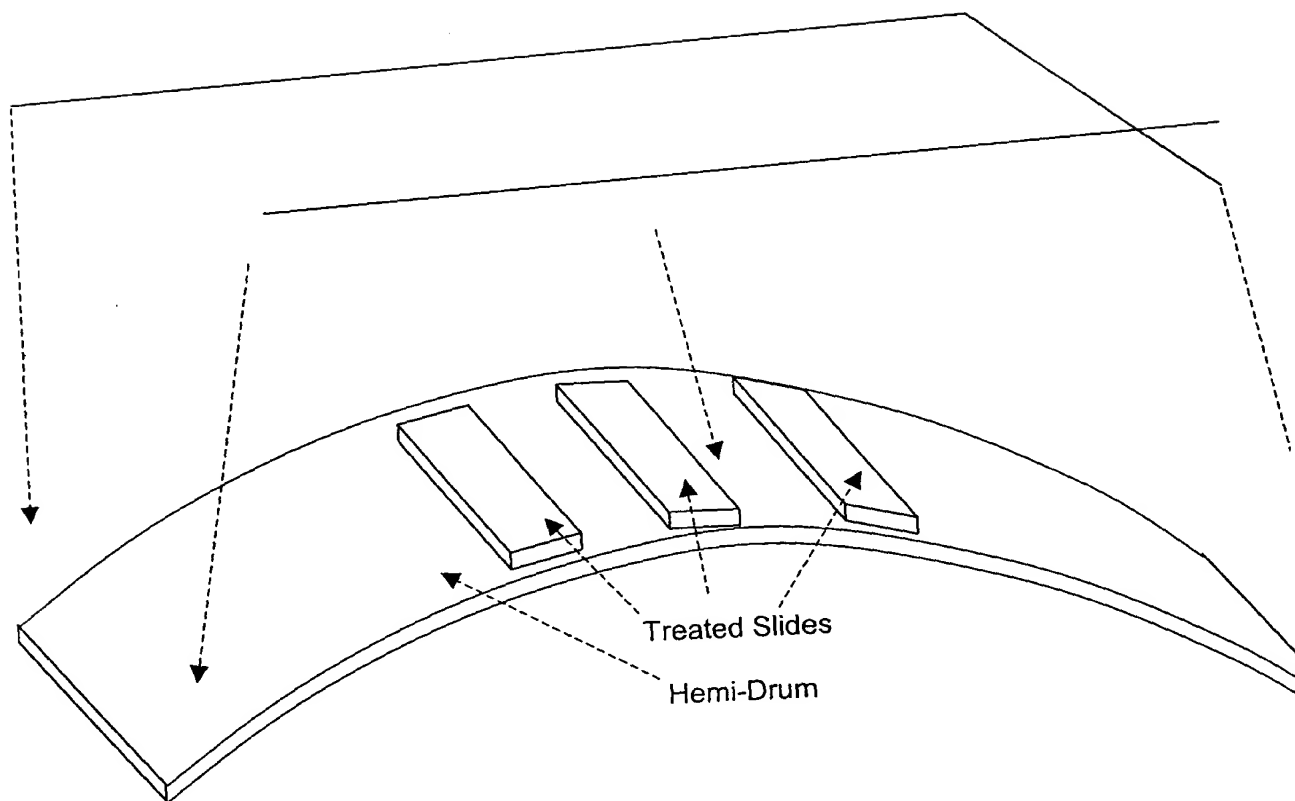


Figure 7.

